

IDS - 03/12/2001

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

DEC 06 2006

APPLICANT:
Hongyang ZhangFILING DATE
December 10, 1996GROUP ART UNIT
1109

(37 CFR 1.98(b))

DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILIN IF APPE
TD		5	1	4	7	8	2	6	9/15/92	Liu et al.	437	233	
		5	2	7	5	8	5	1	1/4/94	Fonash et al.	427	578	
	AA	5	4	0	3	7	7	2	4/4/95	Zhang et al.	437	101	
	AB	5	4	2	6	0	6	4	6/20/95	Zhang et al.	437	40	
	AC	5	4	8	1	1	2	1	1/2/96	Zhang et al.	257	64	
	AD	5	4	8	8	0	0	0	1/30/96	Zhang et al.	437	21	
	AE	5	4	9	2	8	4	3	2/20/96	Adachi et al.	437	21	
	AF	5	5	0	1	9	8	9	3/26/96	Takayama et al.	437	21	
	AG	5	5	0	8	5	3	3	4/16/96	Takemura	257	64	
	AH	5	5	2	9	9	3	7	6/25/96	Zhang et al.	437	10	
	AI	5	5	3	4	7	1	6	7/9/96	Takemura	257	72	
	AJ	5	5	4	3	3	5	2	8/6/96	Ohtani et al.	437	101	
	AK	5	5	6	3	4	2	6	10/8/96	Zhang et al.	257	66	
	AL	5	5	6	9	6	1	0	10/29/96	Zhang et al.	437	21	
	AM	5	5	6	9	9	3	6	10/29/96	Zhang et al.	257	66	
	AN	5	5	8	0	7	9	2	12/3/96	Zhang et al.	437	10	
	AO	5	5	8	5	2	9	1	12/17/96	Ohtani et al.	437	40	
	AP	5	5	8	9	6	9	4	12/31/96	Takayama et al.	257	67	
	AQ	5	5	9	5	9	2	3	1/21/97	Zhang et al.	437	41	
	AR	5	5	9	5	9	4	4	1/21/97	Zhang et al.	437	41	
	AS	5	6	0	4	3	6	0	2/18/97	Zhang et al.	257	72	
	AT	5	6	0	5	8	4	6	2/25/97	Ohtani et al.	437	21	
	AU	5	6	0	6	1	7	9	2/25/97	Yamazaki et al.	257	59	
	AV	5	6	0	8	2	3	2	3/4/97	Yamazaki et al.	257	66	
	AW	5	6	1	2	2	5	0	3/18/97	Ohtani et al.	437	101	
	AX	5	6	1	4	4	2	6	3/25/97	Funada et al.	437	40	
	AY	5	6	1	4	7	3	3	3/35/97	Zhang et al.	257	66	
	AZ	5	6	1	6	5	0	6	4/1/97	Takemura	438	150	
		5	6	2	0	9	1	0	4/15/97	Teramoto	438	151	
	BA	5	6	2	1	2	2	4	4/15/97	Yamazaki et al.	257	66	
	BB	5	6	2	4	8	5	1	4/29/97	Takayama et al.	438	166	
	BC	5	6	3	7	5	1	5	6/10/97	Takemura	438	162	
✓	BD	5	6	3	9	6	9	8	6/17/97	Yamazaki et al.	437	228	
	BE	5	6	4	3	8	2	6	7/1/97	Ohtani et al.	437	88	

/Thomas Dickey/

02/08/2007

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977/097002/US3176D1	Application No. 09/304,975-09/804,975
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Hongyong Zhang	
		Filing Date May 3, 1999	Group Art Unit 2811

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
TD	AA	5,696,003	12/9/97	Makita, et al.			
TD	AB	5,821,562	10/13/98	Makita, et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
TD	AL	7-297125	11/10/95	Japan			Abstract only	
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature /Thomas Dickey/	Date Considered 02/08/2007
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
07977/097002/US3176D1Application No.
09/304,975 09/EU, 654Information Disclosure Statement
by Applicant

(Use several sheets if necessary)

(37 CFR §1.98(b))

DEC 06 2006

Applicant
Hongyong ZhangFiling Date
May 3, 1999Group Art Unit
2811

U.S. Patent Documents

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	AA						
	AB						
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	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
TD	AL	64-25555	1/27/89	Japan			Abstract only	
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
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Examiner Signature

/Thomas Dickey/

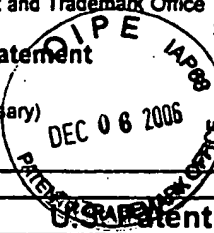
Date Considered

02/08/2007

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Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977/097002/US3176D1	Application No. 09/304,975 09/804,654
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Hongyong Zhang	
		Filing Date May 3, 1999	Group Art Unit 2811



U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
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	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
TD	AL	61-048894	3/10/86	Japan				X
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977/097002/US3176D1	Application No. 09/304,975 <i>09/804,634</i>
	Applicant Hongyong Zhang		
	Filing Date May 3, 1999	Group Art Unit 2811	

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
TD	AA	4,996,523	2/26/91	Bell, et al.			
	AB	5,550,066	8/27/96	Tang, et al.			
	AC	5,640,067	6/17/97	Yamauchi, et al.			
	AD	5,684,365	11/4/97	Tang, et al.			
	AE	5,786,796	7/28/98	Takayama, et al.			
	AF	5,821,560	10/13/98	Arai et al.			
	AG	5,828,429	10/27/98	Takemura			
	AH	6,023,308	2/8/00	Takemura			
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
TD	AL	EP 0 717 445	6/19/96	Tang, et al.				
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	AN							
	AO							
	AP							

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Substitute Disclosure Form (PTO-1449)

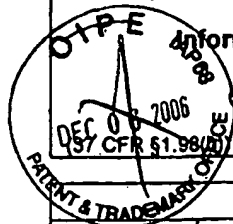
Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.

07977/097003/US3176D1D1

Application No.

09/804,654

**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

Applicant

H. Zhang

Filing Date

March 12, 2001

Group Art Unit

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
TD	AL	08-008181	1/12/1996	Japan			Abstract only	
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	AO							
	AP							

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